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A 112-page catalog contains complete technical specifications, product features and applications information on more than 4000 coaxial and waveguide microwave components and subsystems. Spanning the entire range from DC to 140 GHz, the catalog includes: attenuators, terminations, power dividers, switches, horns, directional couplers, wavemeters, phase shifters, rotating joints, detectors, mixers, modulators, ferrite isolators, circulators, tuners, filters, polarizers, transmission line components, and directional detectors. Hardware items such as waveguide, flanges, gaskets and mounting stands also are included. **Systron-Donner Corp., 14844 Oxnard Street, Van Nuys, CA 94086 (213) 786-1760.**

READER SERVICE NUMBER 174

Microscope

The "Nachet 300" is the microscope described in this 12-page brochure. Illustrated techniques in qualitative and quantitative interferometry are discussed. Reproductions of photomicrographs emphasize quality control in semi-conductor manufacturing but there are applications throughout solid-state materials technologies. **Hacker Instruments, Inc., PO Box 646, Fairfield, NJ 07006 (201) 226-8450.**

READER SERVICE NUMBER 179

Metric Conversions

A new pocket glossary explains over 1100 conversion-metric, physics, electrical and electronic. Also included is a special page on metric measurements and the Greek alphabet. Recommended for both non-technical and technical people, the cost is $1.50 or $1.20 each for ten. **Henry Lavin Associates, Inc., 12 Promontory Drive, Cheshire, CT 06410 (203) 272-9121.**

READER SERVICE NUMBER 171

Power Transistors

Basic design and application information on power transistors intended for use at microwave frequencies is the basis of this 16-page brochure. Significant technological developments in both the transistor pellet structure and the external package that make possible the outstanding performance and exceptional reliability of the mw power transistors are described. A broad selection of power transistors is listed. The design examples feature recently announced 2-GHz and 3-GHz power transistors, such as the 2000- and 3000-series types, in both lumped-element and stripline circuits. Conventional and broadband amplifiers that use these transistors to develop power outputs up to 10 watts at frequencies up to 2.3 GHz are described. **RCA Solid State Division, Box 3200, Somerville, NJ 08876 (201) 722-3200.**

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